

Appendix table 6-4.

R&D expenditures at the top 100 academic institutions, by source of funds: 1997
 (Millions of current dollars)

Rank and academic institution	Institution type	Total	Source of funds				
			Federal Government	State/ local government	Industry	Academic institutions	All other sources
Total, all institutions		24,348	14,502	1,877	1,713	4,544	1,712
1 University of Michigan, all campuses	Public	483	296	3	31	101	52
2 Johns Hopkins University ^a	Private	421	331	1	13	28	47
3 University of Wisconsin-Madison	Public	420	234	37	15	88	47
4 Massachusetts Institute of Technology	Private	411	311	3	59	25	13
5 University of Washington-Seattle	Public	410	321	11	38	33	7
6 Johns Hopkins University Applied Physics Lab	Private	408	393	0	0	14	0
7 Stanford University	Private	395	332	2	24	17	20
8 University of California-San Diego	Public	378	275	14	19	36	34
9 University of California-Los Angeles	Public	375	239	9	20	57	50
10 Texas A&M University, all campuses	Public	367	145	84	32	101	5
Total, top 10 institutions		4,068	2,878	163	252	501	275
11 University of Minnesota, all campuses	Public	363	200	51	24	54	34
12 University of California-Berkeley	Public	357	186	50	17	77	26
13 Cornell University, all campuses	Private	351	206	37	8	70	31
14 Pennsylvania State University, all campuses	Public	340	185	12	57	86	0
15 University of California-San Francisco	Public	334	229	13	22	36	33
16 Harvard University	Private	300	223	*	12	37	29
17 University of Pennsylvania	Private	296	217	4	19	26	30
18 Ohio State University, all campuses	Public	289	123	48	37	60	22
19 University of Illinois at Urbana-Champaign	Public	286	156	37	12	68	14
20 University of Arizona	Public	285	152	7	15	101	10
Total, top 20 institutions		7,270	4,755	421	474	1,117	503
21 University of Florida	Public	271	94	66	24	78	9
22 University of Colorado, all campuses	Public	270	192	5	9	27	36
23 Washington University	Private	262	187	4	21	27	23
24 University of Southern California	Private	259	192	6	22	40	0
25 University of California-Davis	Public	255	124	17	9	84	21
26 Duke University	Private	252	156	6	48	18	24
27 Yale University	Private	246	189	1	17	15	24
28 Columbia University in the City of New York	Private	244	212	3	2	0	28
29 Georgia Institute of Technology, all campuses	Public	240	113	12	48	68	0
30 University of Texas at Austin	Public	239	152	18	30	34	5
Total, top 30 institutions		9,809	6,366	559	704	1,508	673
31 North Carolina State University at Raleigh	Public	229	69	78	27	54	1
32 University of Georgia	Public	225	54	42	10	118	*
33 University of North Carolina at Chapel Hill	Public	221	154	31	3	33	0
34 University of Maryland at College Park	Public	216	103	52	5	39	17
35 Purdue University, all campuses	Public	207	92	22	26	67	*
36 Louisiana State University, all campuses	Public	205	65	69	13	46	12
37 University of Alabama at Birmingham	Public	204	151	1	16	22	14
38 University of Pittsburgh, all campuses	Public	203	161	1	10	16	15
39 Northwestern University	Private	201	108	3	10	57	21
40 Baylor College of Medicine	Private	193	98	4	14	25	52
Total, top 40 institutions		11,913	7,421	861	840	1,985	805

See explanatory notes, if any, and SOURCE at end of table.

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			Federal Government	State/local government	Industry	Academic institutions	
						All other sources	
41 Michigan State University	Public	190	83	33	7	58	10
42 University of Iowa	Public	184	109	6	16	41	14
43 Rutgers the State Univ of NJ, all campuses	Public	183	68	23	9	71	12
44 California Institute of Technology	Private	178	164	1	4	7	2
45 Virginia Polytechnic Institute and State University	Public	170	88	33	11	34	3
46 Indiana University, all campuses	Public	165	96	2	4	43	20
47 Emory University	Private	164	109	5	7	23	20
48 Case Western Reserve University	Private	162	121	6	6	14	15
49 Iowa State University	Public	155	53	47	8	42	5
50 University of Rochester	Private	155	118	9	14	5	9
Total, top 50 institutions		13,620	8,430	1,026	926	2,322	915
51 University of Tennessee Univ-Wide Adm Cent Off	Public	154	74	28	13	29	11
52 New York University	Private	153	94	1	9	20	29
53 University of Chicago	Private	151	122	*	2	10	17
54 University of Cincinnati, all campuses	Public	142	78	2	23	31	7
55 University of Connecticut, all campuses	Public	141	50	12	9	60	10
56 University of Texas Southwestern Med Ctr Dallas	Public	141	89	7	13	1	31
57 University of Illinois at Chicago	Public	139	71	3	7	49	10
58 SUNY at Stony Brook, all campuses	Public	137	87	3	7	33	7
59 University of Miami	Private	136	102	2	12	7	13
60 SUNY at Buffalo, all campuses	Public	136	78	5	14	14	24
Total, top 60 institutions		15,048	9,274	1,089	1,034	2,575	1,074
61 Carnegie Mellon University	Private	135	92	10	18	7	9
62 University of Maryland at Baltimore	Public	135	72	18	19	13	13
63 University of Missouri, Columbia	Public	132	36	18	8	64	6
64 Oregon State University	Public	131	80	28	*	15	8
65 University of Utah	Public	131	99	*	10	16	5
66 University of Texas MD Anderson Cancer Center	Public	130	50	0	0	48	32
67 Colorado State University	Public	129	79	21	6	22	*
68 University of Kentucky, all campuses	Public	125	62	7	11	42	2
69 Wayne State University	Public	124	54	11	11	37	12
70 Vanderbilt University	Private	123	99	*	3	12	9
Total, top 70 institutions		16,343	9,996	1,201	1,120	2,850	1,171
71 Boston University	Private	120	98	1	9	0	13
72 University of Hawaii at Manoa	Public	120	72	28	6	13	*
73 Georgetown University	Private	119	84	*	8	18	8
74 University of Nebraska at Lincoln	Public	117	41	39	5	31	2
75 University of New Mexico, all campuses	Public	116	77	2	3	30	4
76 Princeton University	Private	115	70	*	4	27	12
77 University of Oklahoma, all campuses	Public	114	46	15	7	34	13
78 University of Virginia, all campuses	Public	114	82	4	8	9	10
79 University of California-Irvine	Public	113	71	3	10	15	13
80 University of Medicine and Dentistry of New Jersey ..	Public	110	57	7	9	28	10
Total, top 80 institutions		17,503	10,696	1,301	1,188	3,057	1,256

See explanatory notes, if any, and SOURCE at end of table.

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Rank and academic institution	Institution type	Total	Source of funds				All other sources
			Federal Government	State/ local government	Industry	Academic institutions	
81 Rockefeller University	Private	110	44	2	3	30	32
82 University of Kansas, all campuses	Public	109	47	10	8	38	6
83 University of South Florida	Public	100	31	8	4	50	7
84 Oregon Health Sciences University	Public	98	69	3	7	13	6
85 Washington State University	Public	98	45	3	3	36	10
86 Yeshiva University	Private	97	78	0	0	16	2
87 Florida State University	Public	96	53	2	1	36	5
88 University of Texas Hlth Sci Ctr Houston	Public	96	67	*	10	6	12
89 University of California-Santa Barbara	Public	95	74	2	3	9	6
90 Mount Sinai School of Medicine	Private	95	61	3	7	12	13
Total, top 90 institutions		18,495	11,264	1,334	1,234	3,303	1,355
91 Utah State University	Public	91	50	17	3	19	2
92 Tulane University	Private	86	50	2	13	18	4
93 University of Texas Hlth Sci Ctr San Antonio	Public	86	53	7	9	11	5
94 University of Massachusetts at Amherst	Public	86	41	7	6	26	7
95 Allegheny University of the Health Sciences	Private	86	48	9	9	15	5
96 Auburn University, all campuses	Public	85	27	*	5	49	4
97 Mississippi State University	Public	84	35	25	5	10	9
98 Clemson University	Public	84	28	16	5	30	5
99 Tufts University	Private	84	55	*	5	15	7
100 New Mexico State University, all campuses	Public	81	57	11	2	8	2
Total, top 100 institutions		19,349	11,709	1,428	1,297	3,503	1,404

* = less than \$1 million

^aThese figures exclude the Applied Physics Laboratory (APL) at Johns Hopkins University, which is similar to a federally-funded research and development center and dominates the R&D performed at the university. APL is included as a separate entry in the table.

See figure 6-4 in Volume 1.

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